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**IN THE CLAIMS:**

Please cancel currently pending Claims 1, 3, 8, 10, 15, and 17 without prejudice.

- 1 1. (Cancelled)
- 1 2. (Previously Cancelled)
- 1 3. (Cancelled)
- 1 4. (Currently Amended) A system for sensing the presence of tailings in a combine,  
2 comprising:  
3 a tailings sensor configured to generate a signal indicative of a flow rate of  
4 tailings;  
5 a first microcontroller module coupled to the tailings sensor and configured to  
6 receive the signal and filter it by clipping transient excursion noise. ~~The system of claim~~  
7 3, wherein the first module is configured to notch filter the signal at a natural frequency  
8 of the tailings auger and to clip positive-going sensor signal excursions, and wherein the  
9 sensor is disposed adjacent a laterally-extending tailings auger between adjacent  
10 sidewalls of the combine; and  
11 a second microcontroller module configured to receive the filtered signal and  
12 display it.
- 1 5. (Original) The system of claim 4, wherein the first module is configured to low-  
2 pass filter the clipped sensor signal.
- 1 6. (Original) The system of claim 5, wherein the second module is configured to  
2 display the low-pass filtered signal.